KAZAKOV, V. I. (Reviewer)

VENEREAL DISEASES

"Laboratory diagnosis of skin and venereal diseases, second enlarge edition." K. R. Astvatsaturov. Reviewed by Kazakov, V. I. Vest. ven. i derm. no. 4, 1952.

Monthly List of Russian Accessions. Library of Congress, November 1952. UNCLASSIFIED

1. KAZAKOV, V. I.

2. USSR (600)

4. Skin - Diseases

7. "Roentgenotherapy of skin diseases." M. Ye. Manikov. Reviewed by V. I. Kazakov. Vest. ven. i derm. no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 19 3. Unclassified.

KAZAKOV, V.I.

Classification of skin and venereal diseases. Vest. vener., Moskva no.2: 24-27 Mar-Apr 1953. (CLML 24:3)

1. Of Chkalov Medical Institute.

KAZAKOV, V.I., dotsent; KHABKIN, B.S., dotsent; BAKSHT, B.P., vrach.

Utilization of one of the components of the phytoncidal complex of the forms of trichophytosis and microsporosis. Vest.ven.i derm. no.5:51 S-O '53. (MLRA 6:12)

1. Iz kafedry dermatologii i biologii Chkalovskogo meditsinskogo instituta.

(Phytoncides) (Medical mycology)

KAZAKOV, V.I. [reviewer].

"Model plan for practical studies on skin and venereal diseases for medical institutes." Reviewed by V.I.Kazakov. Vest.ven.i derm. no.5: 62-63 S-O '53. (MLRA 6:12)

(Skin--Diseases) (Venereal diseases) (Medicine--Study and teaching)

KAZAKOV, V.I. [reviewer]; ROZENTUL, M.A. [author].

"General therapy of skin diseases." M.A.Rozentul. Reviewed by V.I.Kazakov. Vest.ven.i derm. no.6:54-55 N-D '53. (MLRA 6:12)
(Skin--Diseases) (Rozentul, M.A.)

KAZAKOV, V.I.

"Physical and health resort therapy for diseases of the skin." V.I.Sukharev. Reviewed by V.I.Kazakov. Vest. ven. i derm. no.5: 57-58 S-O '54. (MLRA 7:11)
(SKIN--DISEASES) (PHYSICAL THERAPY)

KAZAKOV, V.I., dotsent

[redacted]

Current questions in the study of eczema. Vest.derm. i ven. 31 no.1: 17-19 Ja-F '57. (MLRA 10:7)
(ECZEMA
etiol. and diag.)

KAZAKOV, V.I., dots.; MOLODTSOVA, A.A., ordinator; SKRIZHEVSKIY, V.K., ordinator; CHERNOVA, S.V., ordinator

Material on a study of photoprotective and photosensitizing properties ov various drugs for external application. Vest.derm. i ven. 31 no.2: 47 Mr-Ap '57. (MIRA 12:12)

1. Iz kafedry kozhnykh i venericheskikh bolezney Stavropol'skogo meditsinskogo instituta.
(DRUGS) (LIGHT--PHYSIOLOGICAL EFFECT)

KAZAKOV, V.I.

Strangulated hernia in Petit's triangle. Khirurgiia 33 no.4:145 Ap '57. (MIRA 10:7)

1. Iz khirurgicheskogo otdeleniya Slobodskoy gorodskoy bol'nitsy Kirovskoy oblasti.
(HERNIA) (INTESTINES--TUMORS)

ABDUSAMETOV, K.Kh. (Semipalatinsk), ANTON'YEV, A.A., kand.med.nauk. (Rostov-na-Donu), BRZHEZ:KIY, V.Ch. (Tikhvin, Leningradskaya oblast') GRZHEBIN, Z.N., prof. (Chernovitsy), IVANOV, N.A., prof. (Leningrad) KAZAKOV, V.I., dots. (Stavropol' na Kavkaze), SLADKOVICH, K.Ye. (Moskva), TORUYEV, N.A., prof. (Rostov-na-Donu), MAKSIMOVA, A.A. dots. (Rostov-na-Donu), FAYN, A.B., kand.med.nauk (Saratov) KHRISTIN, L.I. prof. (Stanislav), YAKUBSON, A.K., prof. (Novosibirsk), LESNIKOV, Ye.P., assistent (Novosibirsk)

Problems of teaching dermatovenerology in medical institutes. Vest. derm. i ven. 32 no.3:60-69 '58 (MIRA 11:7)

(DERMATOLOGY, educ.
in Russia (Rus))
(SYPHILOLOGY, educ.
in Russia (Rus))

KAZAKOV, V.I., dots.

Effect of various intensity of quartz-mercury irradiation on the histopathology of cutaneous nerves; biopsy experiments [with summary in English]. Vest. derm. i ven. 32 no.4:24-26 Jl-Ag '58 (MIRA 11:10)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - dots. V.I. Kazakov) Stavropol'skogo meditsinskogo instituta.

(SKIN, innervation,
ultraviolet rays, relation of dos. to histopathol. responses of nerve fibers (Rus))
(ULTRAVIOLET RAYS, effects,
on nerve fibers in skin, relation of dos. to histopathol responses (Rus))
(NERVES, PERIPHERAL, effect of radiations,
ultraviolet rays, relation of dos. to histopahtol. responses of fibers (Rus))

KAZAKOV, V.I.

Case report on incised penetrating wounds of the heart.
Khirurgiia no.1:120-121 '63. (MIRA 17:5)

1. Iz khirurgicheskogo otdeleniya (zav.V.I. Kazakov) Slobodskoy gorodskoy bol'nitsy (glavnyy vrach V.S. Prokudin) Kirovskoy oblasti.

KAZAKOV, V. I.

Technique of a reverse transfusion of blood effused into the serous cavities (autohemotransfusion). Probl. gemat. i perel. krovi 9 no.11: 48-49 N '64. (MIRA 18:4)

1. Khirurgicheskoye otdeleniye (zav. V.I.Kazakov) Slobodskoy gorodskoy bol'nitsy (glavnyy vrach V.S.Prokunin) Kirovskoy oblasti.

KAZAKOV, V.I., dotsent

Confused nomenclature and lack of acceptable classification of skin diseases as the most important deficiencies interfering into the study and teaching of dermatology. Vest. derm. i ven. 38 no.12:20-23 D '64. (MIRA 18:3)

1. Kafedra kozhnykh i venericheskikh bolezney (zav. - dotsent V.I. Kazakov) Stavropol'skogo meditsinskogo instituta.

KAZAKOV, Viktor Ivanovich; [illegible] KOV, B., red.

[Differential diagnosis and the principles of treatment in the practice of the dermatovenerologist] Differentsial'naia diagnostika i printsipy terapii v praktike dermatovenerologa. Stavropol', Stavropol'skoe knizhnoe izd-vo, 1965. 228 p. (MIRA 18:10)

1. Zaveduyushchiy kafedroy kozhnykh i venericheskikh bolezney Stavropol'skogo Gosudarstvennogo meditsinskogo [illegible] (for Kazakov).

KAZAKOV, V.I.

Causal classification of skin diseases. Vest. derm. i ven. 39 no.4:48-51 Ap '65. (MIRA 19:2)

1. Kafedra kozhnykh i venericheskikh bolezney (zav. - dotsent V.I. Kazakov) Stavropol'skogo meditsinskogo instituta. Submitted July 22, 1964.

L 24199-66 EWT(m)/EWP(w)/T/EWP(t) LJP(c) JD

ACC NR: AP6013774 SOURCE CODE: UR/0226/66/000/004/0065/0068

AUTHOR: Kazakov, V. K.; Gorodetskiy, S. S.

ORG: Institute of the Problems of the Science of Materials, AN SSSR (Institut problem materialovedeniya AN SSSR)

TITLE: Mechanical properties of SiC-Si_3N_4 base materials

SOURCE: Poroshkovaya metallurgiya, no. 4, 1966, 65-68

TOPIC TAGS: intermetallic compound alloy, silicon carbide alloy, sintered alloy, silicon carbide containing alloy, silicon nitride containing alloy, alloy property, silicon nitride alloy

ABSTRACT: The dependence of the mechanical properties of sintered SiC-Si_3N_4 alloys on composition, sintering temperature, and addition of strengthening compounds has been investigated. All alloys were prepared from silicon nitride (57.4%Si, 32.7%N) mixed with 20, 46.7, 65.3, or 78 mol% SiC powder (containing 97.3% SiC), compacted and sintered in a nitrogen atmosphere at 1600—1650C. The sintered alloys had a porosity of 25—30%. The compression and bend strength of sintered SiC-Si_3N_4 alloys does not change substantially with variations in sintering temperature from 1600 to 1630C, but decreases with an increase of sintering temperature over 1630C because of the decomposition of silicon nitride. Al_2O_3, MgO, or TiO_2 added to the mixture in the amount of 10 wt% increase the strength of the alloys, but SiO_2 decreases it

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ACC NR: AP6012774

because of intense evaporation of silicon dioxide at 1600—1650C. Nonroasted titanium oxide (white) increases the strength of sintered parts. Roasted titanium oxide (yellow) lowers the strength of sintered parts, but makes it possible to obtain parts with approximately the same strength in the 1600—1650 range of sintering temperatures. The experimental results show that 1600—1630C is the optimal temperature range for sintering SiC-Si_3N_4 material, and that the mechanical properties of the material are high in the entire investigated range of compositions from 20 to 78 mol% SiC. Orig. art. has: 4 figures and 2 tables. [MS]

SUB CODE: 11/ SUBM DATE: 15Aug65/ ORIG REF: 007/ OTH REF: 001/ ATD PRESS: 4245

Card 2/2

SAMSONOV, G.V.; [illegible]

Refractory materials of [illegible] nitride [illegible] and boron nitride - silicon carbide. Ogneupory 30 no.7:[illegible]-35 '65.
(MIRA 18:8)

1. Institut problem materialovedeniya AN UkrSSR.

L 5320-66 EWP(e)/EPA(s)-2/EWT(m)/EPF(n)-2/EWP(t)/EWP(k)/EWP(z)/EWP(b)
ACC NR: AP5026276 IJP(c) JD/WW/HW/JG UR/0226/65/000/010/0080/0084

AUTHOR: Kazakov, V. K.

TITLE: Nature of the interaction between titanium nitride and metals of the iron group and molybdenum and tungsten

SOURCE: Poroshkovaya metallurgiya, no. 10, 1965, 80-84

TOPIC TAGS: titanium nitride, iron, cobalt, nickel, molybdenum, tungsten, sintering, solubility, hardness

ABSTRACT: The authors present the results of a preliminary investigation of this interaction. Powders of TiN (76.4 wt.% Ti and 19.5 wt.% N) were separately mixed with commercial-purity powders of Fe, Co, Ni, Mo, and W in a ball mill. The alloys of TiN with metals of the iron group were prepared by pressing and sintering the mixtures, and the alloys of TiN with Mo and W were prepared by hot pressing in graphite molds. A determination of the linear shrinkage of the specimens following their sintering at 1400-1500°C showed that the shrinkage was 1-2% regardless of sintering time; at 1600-1900°C the shrinkage increased to ~3% for TiN-Fe, ~5% for TiN-Ni, ~9% for TiN-Co, which gives reason to believe that molten Co has a greater wetting effect on TiN than Ni and Fe. Microstructural examination showed that new phases form in alloys of TiN with W, Mo, Fe, Co, and Ni. The microhardness of these

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ACC NR: AP5026276

new phases is markedly lower than that of the TiN phase, and the strength of the TiN-Fe and TiN-Co alloys was found to be low. The grain boundaries of TiN are distinct and indicate the lack of solubility of TiN in the metals, as well as of the metals in TiN. The lack of interaction between TiN and these metals is indicated by the low shrinkage of the specimens, their limited strength, and the unchanged microhardness of TiN. Orig. art. has: 2 figures, 1 table.

ASSOCIATION: Institut problem materialovedeniya AN UkrSSR (Institute for the Study of Materials, AN UkrSSR)

SUBMITTED: 01Apr64 ENCL: 00 SUB CODE: MM, SS

NO REF SOV: 006 OTHER: 002

Card 2/2

KAZAKOV, V.K.

Manufacture of refractories of carborundum with a nitride binding and of Si_3N_4 - SiC materials. Poroshk. met. 5 no.7:58-66 Jl '65. (MIRA 18:8)

1. Institut problem materialovedeniya AN UkrSSR.

ARTEM'YEV, Yu.N., kand. tekhn. nauk; ASTVATSATUROV, G.G., inzh.; BARABANOV, V.Ye., inzh.; BAKYKOV, G.A., inzh.; BISHOVATYY, S.I., inzh.; GALAYEVA, L.M., inzh.; GAL'PERIN, A.S., kand. tekhn. nauk; GAL'CHENKO, I.I., inzh.; GONCHAR, I.S., kand. tekhn. nauk; DEGTYAREV, I.L., kand. tekhn. nauk; DYADYUSHKO, V.P., inzh.; YERMAKOV, I.N., inzh.; ZHOTKEVICH, T.S., inzh.; ZUSMANOVICH, G.G., inzh.; KAZAKOV, V.K., inzh.; KOZLOV, A.M., inzh.; KOROLEV, N.A., inzh.; KRIVENKO, P.M., kand. tekhn. nauk; LAPITSKIY, M.A., inzh.; LEBEDEV, K.S., inzh.; LIBERMAN, A.R., inzh.; LIVSHITS, L.G., kand. tekhn. nauk; LOSEV, V.N., inzh.; LUKANOV, M.A., inzh.; LYUBCHENKO, A.N., inzh.; MAMEDOV, A.M., kand. tekhn. nauk; MATVEYEV, V.A., inzh.; ORANSKIY, N.N., inzh.; POLYACHENKO, A.V., kand. tekhn.nauk; POPOV, V.P., kand. tekhn. nauk; PUSTOVALOV, I.I., inzh.; PYTCHENKO, P.I., inzh.; PYATETSKIY, B.G., inzh.; RABOCHIY, L.G., kand. tekhn. nauk; ROL'BIN, Ye.M., inzh.; SELIVANOV, A.I., doktor tekhn. nauk; SEMENOV, V.M., inzh.; SKOROKHOD, I.I., inzh.; SLABODCHIKOV, V.I., inzh.; STORCHAK, I.M., inzh.; STRADYMOV, F.Ya., kand. tekhn. nauk; SUKHINA, N.V., inzh.; TIMOFEYEV, N.D., inzh.; FEDOSOV, I.M., kand. tekhn. nauk; FILATOV, A.G., inzh.; KHODOV, L.P., inzh.; KHROMETSKIY, P.A., inzh.; TSVETKOV, V.S., inzh.; TSEYTLIN, B.Ye., inzh.; SHARAGIN, A.M., inzh.; CHISTYAKOV, V.D., inzh.; BUD'KO, V.A., red.; PESTRYAKOV, A.I., red.; GUREVICH, M.M., tekhn. red.

(Continued on next card)

ARTEM'YEV, Yu.N.--- (continued) Card 2.

[Manual on the repair of machinery and tractors] Spravochnik po remontu mashinno-traktornogo parka. Pod red. A.I.Selivanova. Moskva, Sel'khozizdat. Vols.1-2. 1962. (MIRA 15:6)
(Agricultural machinery—Maintenance and repair)
(Tractors—Maintenance and repair)

L 1021-66 EWP(e)/EWT(m)/EPF(c)/EWP(t)/EPF(n)-2/EWG(m)/T/EWP(t)/ETP(k)/
EWA(d) EWP(b) Pf-4/Pr-4 Ps-4/Pu-4 IJP(c) JD/JG/AT/WH
ACCESSION NR: AP5018459 UR/0131/65/000/007/0030/0035
666.76:661.55

AUTHOR: Samsonov, G.V.; Kazakov, V.K.

TITLE: Boron nitride — silicon nitride and boron nitride - silicon carbide refractories

SOURCE: Ogneupory, no. 7, 1965, 30-35

TOPIC TAGS: boron nitride refractory, silicon nitride refractory, silicon carbide refractory, powder metallurgy, fused borax, molten zinc

ABSTRACT: The specimens were prepared from BN-Si and BN-Si_3N_4 powder-mixtures in which the components were present in amounts such that the final product would contain 20, 40, 60, and 80 mole % BN. The powder mixtures were pressed and sintered for 2-3 hr. at 1550C in nitrogen, hydrogen, and air. The BN-Si samples were first heated at 1350C to nitride the silicon. X-ray structural analysis did not reveal any differences in the BN-Si and BN-Si_3N_4 samples. The BN-Si_3N_4 system contains four phases: BN, β-Si_3N_4, Si_2ON, and a slight amount of α-Si_3N_4. Some mechanical properties of the BN-Si_3N_4 refractories obtained are tabulated, their transverse strength (at a high content of Si_3N_4) is much greater than that of [illegible] refractories with a nitride binder. The oxidation resistance of the materials was also studied. BN-Si_3N_4 refractories were attacked by fused borax only half as fast as

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L 61821-65

ACCESSION NR: AP5018459

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Si_3N_4-SiC refractories. Tests of the effect of molten zinc on BN-Si_3N_4, Si_3N_4, Si_3N_4-SiC, TiC, ZrC, and TiN showed that BN-Si_3N_4 is the most resistant material. S C-BN specimens were prepared by sintering for 1-2.5 hr. at 2200-2400C. Depending upon the sintering temperature, the products either were two-phase alloys with new phases [illegible] or contained the original components (2250C [illegible] physicomechanical properties were determined. Applications of the [illegible] refractories are listed. Some of the tests were carried out at the Vsesoyuznyy nauchno-issledovatel'skiy institut elektrotermicheskogo oborudovaniya (All-Union Scientific Research Institute for Electrothermal Equipment) and the Leningradskiy zavod im. D. I. Mendeleyeva (Leningrad Plant). Orig. art. has: 4 figures and 3 tables.

ASSOCIATION: Institut problem materialovedeniya AN UkrSSR (Institute of Materials Science Problems, AN UkrSSR)

SUBMITTED: 00 ENCL: 00 SUB CODE: MT, MM

NO REF SOV: 008 OTHER: 002

Refractory Compounds

Card 2/2

AUTHOR: Kazakov, V. K.

TITLE: Preparation of refractories from carborundum with a nitride binder and from silicon nitride - SiC materials

SOURCE: Poroshkovaya metallurgiya, no. 7, 1965, 58-66

TOPIC TAGS: refractory, carborundum, silicon nitride, silicon carbide, nitride binder

ABSTRACT: The mixtures were prepared from silicon carbide (SiC 97.3%), silicon nitride (9.9% impurities, 0.85% Si), and silicon (99.31% Si) powders, pressed, and sintered at 1600C for 2 - 4 hrs. The density, porosity, and mechanical properties of the various Si_3N_4-SiC compositions are tabulated. It was found that the refractories [illegible] of 25-30%, average thermal expansion coefficient of [illegible] range, transverse strength [illegible] dan/mm², [illegible] 3.9 dan/mm², and electrical resistance at 20C of [illegible] ohm·cm. The [illegible] cess produces Si_3N-SiC refractories containing from 20 to 80 mole % Si_3N_4. The sintering time and energy consumption amount to one-half of those required [illegible] refractories are [illegible]. It is also [illegible]

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L 60031-65
ACCESSION NR: AP5018274

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press my sincere appreciation to corresponding member of the An UkrSSR, G. V. Samsonov, for assistance in several problems which arose during this work and in the [illegible] of the results obtained. Tests on the resistance of Si_3N_4 - SiC refractories to [illegible] were carried out at the Leningradskiy gornyy institut [illegible] (Leningrad Mining Institute), while those on the [illegible] [illegible] Institut elektrosvarki im. Ye. O. Patona AN UkrSSR [illegible] [illegible] Institute, AN UkrSSR." Orig. art. has: [illegible]

[illegible] problem materialovedeniya AN UkrSSR (Institute of Materials [illegible] Problems, AN UkrSSR)

Card 2/2

VOLLER, I.L., inzh.; KAZAKOV, V.L., inzh.

Experience in repairing reinforced concrete structures using injection concrete. Energ. stroi. no.32:86-89 '62. (MIRA 16:5)

1. Normativno-issledovatel'skaya stantsiya Moskovskogo filiala Vsesoyuznogo instituta po proyektirovaniyu organizatsiy energeticheskogo stroitel'stva.

BAUMAN, A.V.; KOMAROVA, P.A.; DOLZHENKOV, Yu.N.; KUSHCHANOV, G.K.; BRENNER, V.A.; IM, A.I.; KAZAKOV, V.M.; KOZHAKHANOV, S.; MURATOV, B.A.

Self-propelled drilling rig. Gor. zhur. no.7:75 Jl '63. (MIRA 16:8)

KAZAKOV, V.M.

New exhibits. Gidr. i mel. 15 no.10:51 O '63. (MIRA 17:2)

1. Starshiy inzh.-metodist pavil'ona "Vodnoye khozyaystvo" na Vystavke dostizheniy narodnogo khozyaystva SSSR.

KATKOVA, M.O., metodist; KAZAKOV, V.M.

New exhibits. Inform. biul. VDNKH no.10:28-30 '63.
(MIRA 18:5)

1. Pavil'on "Khraneniye i pererabotka zerna" na Vystavke dostizheniy narodnogo khozyaystva SSSR (for Katkova).
2. Starshiy inzh.-metodist pavil'ona "Vodnoye khozyaystvo" na Vystavke dostizheniy narodnogo khozyaystva SSSR (for Kazakov).

ANTONOV, V.I., kand. tekhn. nauk; KAZAKOV, V.M., inzh.

Make more extensive use of polymeric and synthetic materials in the water economy. Gidr. i mel. 15 no.12:56-58 D '63. (MIRA 17:2)

1. Meshcherskaya zonal'naya opytno-meliorativnaya stantsiya (for Antonov). 2. Vystavka dostizheniy narodnogo khozyaystva SSSR (for Kazakov).

MANSVETOV, V.V., nauchnyy sotrudnik; RUDCHENKO, S.K., nauchnyy sotrudnik; KONDRIKOV, N.I., nauchnyy sotrudnik; TYAGUNOV, V.N., nauchnyy sotrudnik; KAZAKOV, V.N., nauchnyy sotrudnik; YERMOSHIN, I.P., polkovnik, redaktor; GAL'PERIN, S.Yu., redaktor

[Historical Artillery Museum; a concise guidebook] Artilleriiskii istoricheskii muzei; kratkii putevoditel'. Pod obshchei red. I.P. Ermoshina. Leningrad, 1955. 171 p. (MLRA 9:12)

1. Leningrad. Artilleriyskiy istoricheskiy muzey.
(Leningrad--Military museums)

ARTAMONOV, K.I.; LEBEDEV, N.I.; YERGALIYEV, E.Ye.; LESECHKO, A.K.; YAKUSHIN, M.V.; KAZAKOV, V.N.; BRYUKHANOV, N.G.; NIKITINA, L.I.; KHVESYUK, F.I.; Prinimali uchastiye: MATVEYEV, A.T.; KOVALEV, S.I.; ROMANOV, V.S.; MARCHENKO, B.P.; ZUDOVA, T.I.; OMAROV, M.N.; PECHENKIN, S.N.; LUKIN, Ye.G; KHLUDKOV, V.I.

Shaft-furnace copper smelting with an oxygen-enriched blow. TSvet. met. 34 no.3:32-39 Mr '61. (MIRA 14:3)

1. Irtyshskiy polimetallicheskiy kombinat (for Artamonov, Lebedev, Yergaliyev, Lesechko, Matveyev, Kovalev, Romanov, Marchenko, Zudova, Omarov). 2. Vsesoyuznyy nauchnoissledovatel'skiy institut tsvetnykh metallov (for Yakushin, Kazakov, Bryukhanov, Nikitina, Khvesyuk, Pechenkin, Lukin, Khludkov).
(Copper—Metallurgy) (Oxygen—Industrial applications)

YAKUSHIN, M.V.; BRYUKHANOV, N.G.; KAZAKOV, V.N.; NIKITINA, L.I.; KHVESYUK, F.I.; PECHENKIN, S.N.; ARTAMONOV, K.I.; LEBEDEV, N.I.; MATVEYEV, A.T.; KOVALEV, S.I.

Converter treatment of complex metal mattes with an oxygen enriched blow. TSvet.met. 34 no.10:34-39 O '61. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnykh metallov (for Yakushin, Bryukhanov, Kazakov, Nikitina, Khvesyuk, Pechenkin). 2. Irtyshskiy polimetallicheskiy kombinat (for Artamonov, Lebedev, Matveyev, Kovalev).
(Nonferrous metals--Metallurgy) (Converters)

TSYGODA, I.M.; KAZAKOV, V.N.; SEREGIN, Yu.I.; KORNEYEV, V.F.; Prinimali uchastiye: PECHENKIN, S.N.; GLAZACHEV, A.M.; TRAVIN, V.F.

Pilot plant testing of the sinter roasting of copper charges with a bottom blow. TSvet. met. 35 no.3:23-30 Mr '62. (MIRA 15:4)

(Sintering--Testing) (Copper ores)

TSYGODA, I.M.; KAZAKOV, V.N.; KOLESNIKOV, N.A.; BRYUKHANOV, N.G.; BURBA, A.A.; SADYKOV, V.I.; PIGAREV, A.D.; Prinimali uchastiye: PECHENKIN, S.N.; GLAZACHEV, G.M.; KHVESYUK, F.I.; KODINTSEV, A.V.; YERGALIYEV, E.Ye.; YERMAKOVA, Z.S.; NOVAK, I.V.; KHIL'KO, I.Ye.; LYASHEVSKIY, R.A.; PROKHOROV, A.I.; CHERTOVA, N.G.; URUBKO, V.N.; KUGUCHEV, V.V.

Industrial testing of a flow sheet for the processing of Altai complex metal ores along the lines of the flow sheet used at the Mednogorskii Combine. TSvet. met. 36 no.12:12-15 D '63. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy gorno-metallurgicheskiy institut tsvetnykh metallov (for Pechenkin, Glazachev, Khvesyuk, Kodintsev). 2. Irtyshskiy polimetallicheskiy kombinat (for Yergaliyev, Yermakova). 3. Mednogorskiy medno-sernyy kombinat (for Novak, Khil'ko, Lyashevskiy, Prokhorov, Chertova, Urubko, Kuguchev).

SAVRAYEV, V.P.; KAZAKOV, V.N.; BOGATYREV, M.F.

Purification of converter gases in copper smelting plants. TSvet. met. 35 no.11:57-62 N '62. (MIRA 15:11)
(Gases--Purification)
(Copper industry--By-products)

YUMATOV, Boris Petrovich, doktor tekhn. nauk; FILIKOKOV, K.A., kand. tekhn. nauk, dots., retsenzent; KUDRYASHOV, V.A., kand. tekhn. nauk, dots., retsenzent; RADCHENKO, L.M., dots., kand. tekhn. nauk, retsenzent; FILUS, A.I., dots., kand. tekhn. nauk, retsenzent; KAZAKOV, V.N., gornyy inzh., retsenzent; NOSKOVIT, A.M., otv. red.

[Mining machinery for working placer deposits] Gornye mashiny dlia razrabotki rossypei. Moskva, Nedra, 1964. 374 p. (MIRA 18:2)

1. Kafedra Irkutskogo politekhnicheskogo instituta (for Kudryashov, Radchenko, Filus, Kazakov).

RYLEYEV, G. S.; KRYUGER, P. K.; KAZAKOV, V. N.; VIL'KEVICH, B. I.
KAZAKOV, V. N.

"Eksplyatatsiya Teplovozov i Teplovoznoe Khozyaistvo" (Exploitation of Diesel Locomotives and Engine Economy), 295 p., State Railway Transportation Publ., Moscow, 1951.

RYLEYEV, G.S.; KRYUGER, P.K.; KAZAKOV, V.N.; VIL'KEVICH, B.I.; KOGOSOV, B.Ye., redaktor; DROBINSKIY, V.A., redaktor; VERINA, G.P., tekhnicheskiy redaktor

[The operation of diesel locomotives and the management of the diesel locomotive traction system] Ekspluatatsiia teplovozov i teplovoznoe khoziaistvo. Moskva, Gos. transp. zhel-dor. izd-vo, 1951. 294 p. (MIRA 8:2)
(Diesel locomotives)

KRYUGER,P.K., dotsent, kandidat tekhnicheskikh nauk; KAZAKOV,V.N., dotsent, kandidat tekhnicheskikh nauk

Selecting an efficient traction arm length for Diesel locomotives. Trudy TASHIIT no.3:38-61 '51. (MLRA 8:10)
(Diesel locomotives)

KAZAKOV, V.N.

KRYUGER, P.K.; KOTS, S.L.; KAZAKOV, V.M.; GRECHANSKIY, V.S.; FEDOROV, P.N.; NEBOZHENKO, I.A.; PEREL'MAN, Yu.S.; DANILOV, V.I., inzh., red.; KHITROV, P.A., tekhn.red.

[Repairing electric equipment and cab sections of diesel locomotives] Remont elektrooborudovaniia i ekipazhnoi chasti teplovozov. Moskva, Gos.transp.zhel-dor. izd-vo, 1955. 150 p. (MIRA 11:6)
(Diesel locomotives--Maintenance and repair)

KYLEYEV, G.S.; KRYUGER, P.K.; KAZAKOV, V.N.; VIL'KEVICH, B.I.; MEREZHKO, V.G., inzhener, redaktor; SAZONOV, A.G., inzhener, redaktor; BOBROVA, Ye.N., tekhnicheskiy redaktor

[Management and operation of diesel locomotives] Teplovoznoe khoziaistvo. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 311 p. (MLRA 9:12)
(Diesel locomotives)

RYLEYEV, G.S.; KRYUGER, P.K.; KAZAKOV, V.N.; VIL'KEVICH, B.I. Prinimal uchastiye BELEN'KIY, M.N.; FEDOTOV, I.I., kand. tekhn. nauk, retsenzent; LUGININ, N.G., kand. tekhn. nauk, retsenzent; CHEBYKIN, V.N., kand. tekhn. nauk, retsenzent [deceased]; ONISHCHENKO, I.T., kand. tekhn. nauk, retsenzent; TELICHKO, V.G., inzh., retsenzent; ISIKOV, Ye.N., inzh., retsenzent; ROZHDESTVENSKIY, A.S., inzh., retsenzent; MEDVEDEVA, M.A., tekhn. red.

[Management and operation of diesel locomotives] Teplovoznoe khoziaistvo. Izd.2., perer. i dop. [By] G.S.Ryleev i dr. Moskva, Transzheldorizdat, 1963. 290 p.
(MIRA 17:3)

KAZAKOV, V.N. [Kazakov. V.M.]

Effect of stimulation of the pulmonary receptors on the electric activity of the cerebral cortex in cats under ether anesthesia. Fiziol.zhur. [Ukr.] 11 no.4:530-533 Jl-Ag '65.

(MIRA 18:10)

1. Kafedra normal'noy fiziologii Vinnitskogo meditsinskogo instituta i kafedra normal'noy fiziologii Odesskogo meditsinskogo instituta.

KAZAKOV, V.N.; SMIRNOV, V.I., akademik

Studying the inflammability of lead and zinc sublimates. Izv. vys. ucheb. zav.; tsvet. met. 8 no.4:62-67 '65. (MIRA 18:9)

1. Ural'skiy politekhnicheskiy institut i Vsesoyuznyy nauchno-issledovatel'skiy gornometallurgicheskiy institut tsvetnykh metallov. 2. AN KazSSR (for Smirnov).

KAZAKOV, V. P.

"An Investigation of the Operation of Rooflike Gates." Cand Tech Sci, Moscow Inst of Engineers of Water Economy imeni V. R. Vil'yams, 1 Mar 54. Dissertation (Vechernyaya Moskv Moscow, 18 Feb 54)

SO: SUM 186, 19 Aug 1954

KAZAKOV, V.P.

Problem of the movement of a mechanism under the action of determined forces. Trudy Sem. po teor. mash. 14 no.56:90-96 '55. (MLRA 8:7)
(Mechanical movements)

KAZAKOV, V.P.; PESHCHEVITSKIY, B.I.

Equivalence of the bonds in $PtCl_4$. Radiokhimia 4 no.4:509-510 '62. (MIRA 15:11)
(Platinum chloride) (Chemical bonds)

PESHCHEVITSKIY, B.I.; KAZAKOV, V.P.

Compensation effect and kinetic scale of the transeffect in platinum complexes. Zhur.neorg.khim. 8 no.1:250-251 Ja '63. (MIRA 16:5)

1. Institut neorganicheskiy khimii Sibirskogo otdeleniya AN SSSR.
(Platinum compounds) (Chemical reaction, Rate of)

PESHCHEVITSKIY, B.I.; KAZAKOV, V.P.; YERENBURG, A.M.

Electrochemical potentials of the bromide complexes of gold.
Zhur.neorg.khim. 8 no.4:853-859 Ap '63. (MIRA 16:3)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR.
(Gold bromide--Electric properties) (Potentiometric analysis)

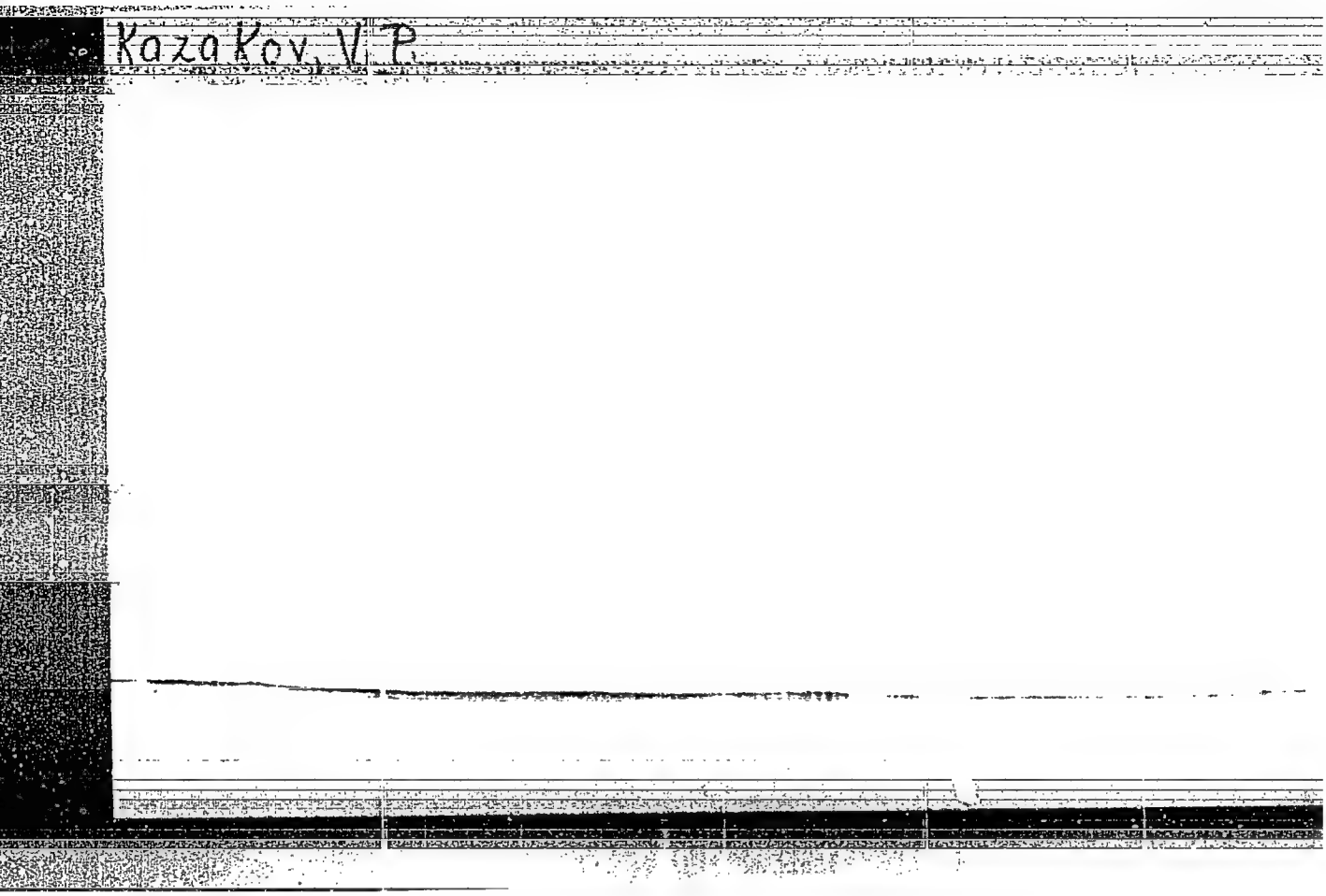
KAZAKOV, V.P.

Temperature quenching of luminescence. The compensation effect.
Opt. i spektr. 18 no.1:54-57 Ja '65.
(MIRA 18:4)

[redacted]

[redacted]: "[redacted]" [redacted], 1956.

Kazakov, V. P.



PA - 2835

AUTHOR: KAZAKOV, V.P.

TITLE: Some Problems of Design of Multi-Channel Feedback Control Systems. (Nekotoryye voprosy postroyeniya mnogokanal'nykh sistem avtomaticheskogo regulirovaniya, Russian)

PERIODICAL: Avtomatika i Telemekhanika, 1957, Vol 18, Nr 4, pp 324 - 335 (U.S.S.R.)
Received: 5 / 1957 Reviewed: 6 / 1957

ABSTRACT: Two selection principles may be used in multi-channel systems of regulation (MSR). The first - the frequency principle - requires complicated schematical and constructive solutions. The second - the time principle - is widely used in remote control and all known MSR. Successive closing of the circuit takes place by means of switching, which is one of the basic elements in such systems. A periodic short-timed closing of the current circuit of the input signals is useful for forming the error-impulse signal in a rapid MSR. Some possible solutions are shown here for the following problems in the case of the regulation of a large number of channels (of the order of magnitude 100), where processes with frequencies of up to 0,5 - 1 ko take place: Forming and switching of impulse signals of the deviation for each channel, connecting of the channels by means of contact-less rapid switches of long life, increase of the duration of the effect of impulse-control signals and correction of the regulating processes in the MSR. The impulse-correction device in the MSR permits the regulation of a group of objects with

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strong differences in dynamic properties. As a universal correction device a number-computation device may be used, the working character of which is determined by a corresponding selection of its program. (14 illustrations and 10 citations from Slav publications).

ASSOCIATION: Not given.
PRESENTED BY:
SUBMITTED:
AVAILABLE: Library of Congress.

Card 2/2

KAZAKOV, V.P.

Two comments on the problem of the adjustment of machine operation.
Trudy MIMESKH 4 no.1:14-17 '59. (MIRA 13:10)
(Mechanical movements)

KAZAKOV, V.P. (Moskva)

Effect of hysteresis on the nature of periodic processes in pulse-relay systems [with summary in English]. Avtom. i telem. 22 no:613-617 My '61. (MIRA 14:6)
(Automatic control) (Pulse techniques(Electronics))

PESHCHEVITSKIY, B.I.; KAZAKOV, V.P.

Mechanism of the formation of potential on a platinum electrode in the reduction of gold by sulfite. Izv. Sib. otd. AN SSSR no.9:65-70 '62. (MIRA 17:8)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR, Novosibirsk.

PESHCHEVITSKIY, B.I.; KAZAKOV, V.P.; SHUL'MAN, V.M.

On the thermodynamics and kinetics of trans-effect. Izv. SO AN SSSR no.3 Ser. khim. nauk no.1:65-69 '63. (MIRA 16:8)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Platinum compounds) (Isomerization)

PESHCHEVITSKIY, B.I.; KAZAKOV, V.P.

Compensation effect and the kinetic scale of trans-effect in complex compounds of platinum. Izv. SO AN SSSR no.7 Ser.khim.nauk no.2: 20-28 '63. (MIRA 16:10)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR, Novosibirsk.

ACCESSION NR: AR4015119 S/0124/63/000/012/A013/A013

SOURCE: RZh. Mekhanika, Abs. 12A69

AUTHOR: Kazakov, V.P.

TITLE: Rotation of a body of variable mass about an axis and the law of rotation of the mechanism

CITED SOURCE: Dokl. Mosk. s.-kh. akad. im. K.A. Timiryazeva, vy*p. 81, 1963, 214-216

TOPIC TAGS: variable-mass body, rotation, rotational mechanics

TRANSLATION: The author compares the differential equation of rotation about an axis of a body of variable mass and the differential equation of motion of a mechanism with a single degree of freedom with a reduced variable moment of inertia. He notes the case of the equivalence of the two equations for a certain ratio between the velocity of the adhering (or escaping)particle and the rotational velocity of rotation of a variable-mass body. L.M. Vorob'yev.

DATE ACQ: 31Dec63 SUB CODE: PH ENCL: 00

Card 1/1

PESHCHEVITSKIY, B.I.; KAZAKOV, V.P.

Compensation effect in complex compounds of cobalt. Zhur. neorg. khim. 8 no.12:2816-2817 D '63. (MIRA 17:9)

KAZAKOV, V.P.; LAPSHIN, A.I.; PESHCHEVITSKIY, B.I.

Oxidation-reduction potential of a thiourea complex of gold. Zhur. neorg. khim. 9 no.5:1299-1300 My '64.
(MIRA 17:9)

BELYAYEV, A.V.; KAZAKOV, V.P.; PETRYK, B.V.

Certain features of the behavior of complex compounds of Rh (III) in solution as linked with the compensation effect. Dokl. AN SSSR 160 no.1:149-150 Ja '65. (MIRA 18:2)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR.
2. Chlen-korrespondent AN SSSR (for Petrykin).

KAZAKOV, V.P.; PESHCHEVITSKIY, B.I.; YERENBURG, A.M.

Compensation effect in the kinetics of actinide reactions.
Radiokhimiia 6 no.3:291-298 '64. (MIRA 18:3)

KAZAKOV, V.P.; MATVEYEVA, A.I.; YERENBURG, A.M.; PESHCHEVITSKIY, B.I.

Kinetics of the reduction of complex gold (III) chlorides with oxalate in an aqueous solution. Zhur. neorg. khim. 10 no.5: 1038-1044 My '65. (MIRA 18:6)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR.

KARPOV, V.L.

Kinetics of the hydrolysis of $AsCl_3$ in an acid medium. Zhur. neorg. khim. 10 no.6:1270-1278 My '65. (MIRA 18:6)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR.

[redacted], YERMENBURG, A.M.; YEFIMCHEVITSKIY, B.I.

Kinetics of oxidation-reduction reactions involving an $AuCl_4^-$ ion. Kin. i kat. 6 no.4:728-730 Jl-Ag '65. (MIRA 18:9)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR.

KAZAKOV, V.P.

Effect of the external magnetic field on the reaction rate in solution. Zhur.fiz.khim. 39 no.7:1798-1799 Jl '65.
(MIRA 18:8)

L 18804-66

ACC NR: AP6006964 SOURCE CODE: UR/0368/66/004/002/0147/0156

AUTHOR: Batsanov, S. S.; Kobets, L. I.; Kazakov, V. P.; Batsanova, L. R. 33 B

ORG: none

TITLE: Optical spectra of CaF_2(Tb) crystals

SOURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 2, 1966, 147-156

TOPIC TAGS: phosphor, terbium, calcium fluoride, luminescence spectrum, absorption spectrum

ABSTRACT: The authors studied the absorption and luminescence spectra of a number of fluorite crystals activated by terbium oxide, hydroxyfluorides, and fluorides in concentrations from 0.01 to 5 mol.%. The specimens were polished cylinders 12 mm in diameter and 24-28 mm long with parallel faces. A mercury lamp was used for luminescence excitation with a light filter for isolating the 290-360 mμ region. A DFS-12 spectrograph was used for taking the luminescence spectra with an optical slit of 0-11.11 Å in width at temperatures of 300 and 77°K in the 3600-6500 Å range. The absorption spectra were taken at room temperature. A

Card 1/2 UDC: 535.372

L 18804-66
ACC NR: AP6006964

mercury lamp with a wavelength of 265 mμ isolated by a monochromator with a quartz prism was used for excitation of the specimens in measurements of the relative luminescence intensity as a function of concentration. Variations in the optical spectra are analyzed as functions of the chemical composition and concentration of the activator. The experimental data indicate that the variations in crystal spectra caused by changes in impurity concentration are due to interaction between the terbium ions forming cation pairs. It is shown that the ratio of the relative luminescence intensities of the crystals to the coefficient of absorption is a linear function of impurity concentration. The problem of interaction between an isomorphic impurity and crystal defects is discussed. "In conclusion the authors are grateful to Ye. V. Sobolev and M. V. Konovalova for assistance in the work." Orig. art. has: 3 figures, 3 tables. [14]

SUB CODE: 20/ SUBM DATE: 27Dec64/ ORIG REF: 007/ OTH REF: 015/ ATD PRESS: 4217

Card 2/2

ACC NR: AP6014892 SOURCE CODE: UR/0076/65/039/012/2936/2941

AUTHOR: Kazakov, V. P.

ORG: AN SSSR, Siberian Branch, Institute of Inorganic Chemistry (AN SSSR, Sibirskoe otdelenye, Institut neorganicheskoy khimii)

TITLE: Chemiluminescence of some reactions in concentrated sulfuric acid

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 12, 1965, 2936-2941

TOPIC TAGS: chemiluminescence, sulfuric acid, uranium compound, photomultiplier/M12FS35 photomultiplier, FEK-18 photomultiplier

ABSTRACT: The chemiluminescence was recorded with a type M12FS35 photomultiplier with a type EPPV-60 automatic recorder. Chemically pure reagents were used. The spectrum of the chemiluminescence was taken with a type UM-2 monochromotor and the light was recorded with a type FEU-18 photomultiplier. Experimental results are shown in a series of curves. The following new chemiluminescent systems were found: 1) reactions of the products of the electrolysis of sulfuric and phosphoric acids near the anode in the presence of salts of UO_2^{++}, Ce(III), Tb(III), and quinine; and, 2) the reaction of strong oxidizers--ozone and sodium bismuthate with a solution of UO_2SO_4 in concentrated

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ACC NR: AP6014892

sulfuric acid. The reaction of the final products of the electrolysis of $H_2S_2O_8$, H_2O_2, and H_2SO_4 with a solution of UO_2SO_4 is not a source of chemiluminescence. Solution of $UO_4 \cdot 2H_2O$ in acid does not produce light. The article proposes a mechanism consisting of the recombination of SO_4^- ion radicals with the participation of UO_2^{2+}, Tb^{3+}, and Ce^{3+} complexes in sulfuric acid. Orig. art. has: 6 figures.

SUB CODE: 07,20/SUBM DATE: 24Jul64/ ORIG REF: 016/ OTH REF: 005

Card 2/2

AUTHOR: Kazakov, V. P.; Lapshin, A. I.

ORG: Institute of Thermophysics, SO, AN SSSR, Novosibirsk (Institut teplofiziki SO AN SSSR)

TITLE: Chemiluminescence of rare earth elements in sulfuric acid

SOURCE: Teoreticheskaya i eksperimental'naya khimiya, v. 2, no. 3, 1966, 376-383

TOPIC TAGS: chemiluminescence, rare earth element, luminescence attenuation

ABSTRACT: It has been found that the rare earth oxides in sulfuric acid solutions show chemiluminescence in the visible and ultraviolet regions when treated with the electrolysis products of H_2SO_4. The analysis of the luminescence attenuation curve indicates that the process leading to luminescence follows the bimolecular law and that its linear anamorphosis can be expressed by coordinates. A possible processing procedure is discussed, including participa-

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S/190/60/002/010/011/026
B004/B054

AUTHORS: Ushakov, G. P., Gushcho, Yu. A., Lazurkin, Yu. S., and Kazakov, V. S.

TITLE: The Effect of the Phase Condition of Polyethylene During Irradiation Upon the Type of the Resulting Network

PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 10, pp. 1512-1520

TEXT: The authors studied the dependence of radiation cross linking on the state of low-pressure polyethylene. Polyethylene samples were irradiated in thin-walled aluminum containers in the presence of helium in the reactor (dose 150 - 1625 Mrad). Crystalline samples were irradiated at 45 - 50°C, and amorphous, molten samples at 130-160°C. A table gives the change of the melting point caused by irradiation, the change of the vitrification temperature, and of the high-elasticity module E_∞. Fig. 1 shows E_∞ as a function of temperature, Fig. 2 thermomechanical curves of the samples irradiated, Fig. 3 E_∞ as a function of the irradiation dose, and Fig. 4 the nonmonotonous dependence of the melting point T_m

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on the dose. The authors found that the crystallization properties of irradiated polyethylene strongly depend on its phase condition during irradiation. Irradiation in a molten state led to a fast drop of T_m and a decrease of the crystallization degree. On irradiation in a crystalline state, the authors first observed a slight drop of T_m, then a constant value, and then a slight increase. The crystallization degree decreased more slowly than on irradiation of melts. These effects are interpreted as different types of network in the amorphous and crystalline states. In the amorphous state, the network fixes the disordered state of chains. In crystalline samples, however, the cross links fix the local order of polymer chains. This effect corresponds to the effect of increase of T_m in rubbers when their chains are oriented. There are 4 figures, 1 table, and 18 references: 7 Soviet, 7 US, and 3 British.

SUBMITTED: May 10, 1960

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L 17604-65 EWG(j)/EWT(m)/EPF(c)/EPF(n)-2/EWP(j)/T/EWA(h)/EWA(l) Pc-4/Pr-4/
Peb/Pu-4 AS(mp)-2/ASD(m)-3 GG/MLK/RM
AM4022018 BOOK EXPLOITATION S/

Ushakov, G. P.; Gushcho, Yu. A.; Lazurkin, Yu. S.; Kazakov, V. S.

Effect of the phase state of polyethylene during irradiation on the character of the lattices being formed (Vliyaniye fazovogo sostoyaniya polietilena pri obluchenii na kharakter obrazuyushcheysya setki) Moscow, 1960. 19 p. illus., biblio. 155 copies printed. (At head of title: Ordena Lenina Institut Atomnoy Energii im. I. V. Kurchatova AN SSSR)

TOPIC TAGS: Crystalline polymer, radiation chemistry, amorphous polymer, polyethylene

PURPOSE AND COVERAGE: Data concerning the influence of radiation "stitching" on the melting point of polyethylene crystals are contradictory: both a lowering with increasing dosage and practical constancy have been observed. This discrepancy may be due to the difference in temperatures at which irradiation has been performed. The lattice being formed may have a different character during irradiation in the crystalline state than during irradiation in the amorphous state, despite the approximately identical consistency, and may affect the melting point

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of the crystals differently. Clarification of this question is the purpose of the present study.

TABLE OF CONTENTS:

SUB CODE: GC, CC SUBMITTED: 00 NR REF SOV: 007

OTHER: 010

Card 2/2

KAZAKOV, V.S., inzh.

Self-balancing operating unit for trenchless construction of underground pipelines. Stroi. i dor. mash. 10 no.2:17-18 F '65. (MIRA 18:3)

KAZAKOV, V.Ya.; POSTOVSKIY, I.Ya.

Syntheses and some reactions of 4-substituted thiosemicarbazides.
Dokl.AN SSSR 134 no.4:824-827 O '60. (MIRA 13:9)

1. Ural'skiy politekhnicheskiy institut im.S.M.Kirova. Predstavleno akad. M.M.Shemyakinym.
(Semicarbazide)

KAZAKOV, V.Ya.; POSTOVSKIY, I.Ya.

Preparation of 4-alkyl- and 4-arylthiosemicarbazides. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 2:238-241 '61.
(MIRA 14:5)

1. Ural'skiy politekhnicheskiy institut im. S.M. Kirova. Kafedra organicheskoy khimii.
(Semicarbazide)

GRINBLAT, Ye.I.; KAZAKOV, V.Ya.; SELEMIN, Yu.S.

All-purpose apparatus for continuous extraction. Zav.lab. 28 no.5:632 '62. (MIRA 15:6)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.
(Extraction apparatus)

KARASINA, E.S.; KROPP, L.I.; MINTS, M.S.; KNYAZ'KOV, B.N.; LITVINOV, D.D.; GRINBLAT, Ye.I.; KAZAKOV, V.Ya.; VOLKOV, B.V.; BARDIN, V.V.

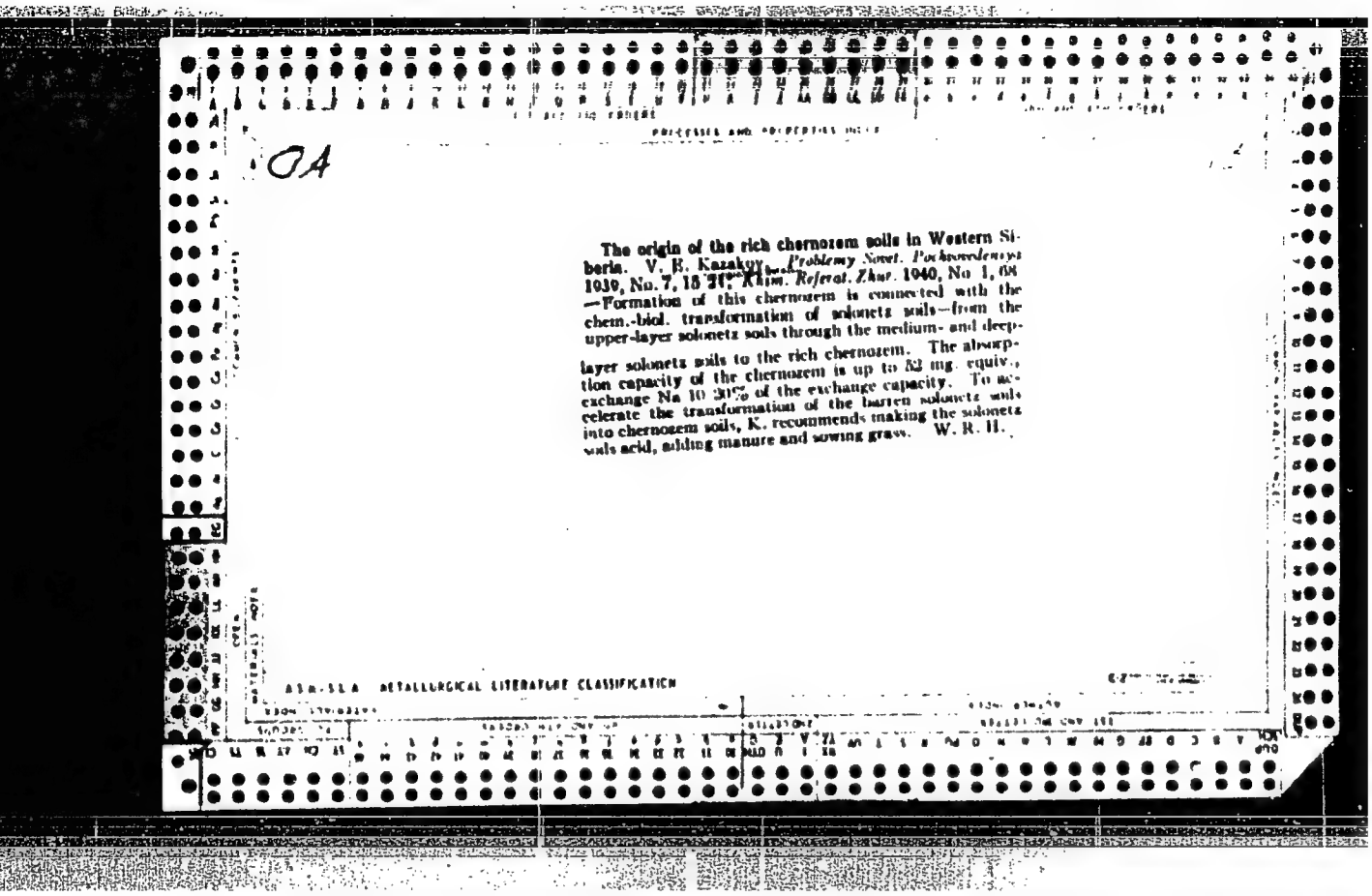
Exchange of experience. Zav.lab. 28 no.5:633-635 '62.
(MIRA 15:6)

1. Vsesoyuznyy teplotekhnicheskiy institut imeni F.E.Dzerzhinskogo (for Karasina, Kropp, Mints). 2. Institut radiofiziki i elektroniki AN USSR (for Knyaz'kov, Litvinov). 3. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova (for Grinblat, Kazakov). 4. Opytnokonstruktorskoye byuro sinteticheskikh produktov (for Volkov). 5. Leningradskiy tekhnologicheskiy institut imeni Lensoveta (for Bardin).
(Chemical apparatus)

GRINBLAT, Ye.I.; KAZAKOV, V.Ya.

Esterification of α,β-acetylenecarboxylic acids by the azeotropic method. Izv.vys.uch.zav.; khim.i khim.tekh. 5 no.4:601-603 '62. (MIRA 15:12)

1. Ural'skiy politekhnicheskiy institut imeni Kirova, kafedra organicheskoy khimii.
(Propiolic acid) (Esterification)



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The origin of the rich chernozem soils in Western Siberia. V. R. Kazakov. *Problemy Sovet. Pochvovedeniya* 1939, No. 7, 15-21; *Khim. Referat. Zhur.* 1940, No. 1, 68. —Formation of this chernozem is connected with the chem.-biol. transformation of solonetz soils—from the upper-layer solonetz soils through the medium- and deep-layer solonetz soils to the rich chernozem. The absorption capacity of the chernozem is up to 52 mg. equiv., exchange Na 10-30% of the exchange capacity. To accelerate the transformation of the barren solonetz soils into chernozem soils, K. recommends making the solonetz soils acid, adding manure and sowing grass. W. R. H.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

KAZAKOV, V. Ye.

Kazakov, V. Ye. - "The problem on the effect the density of the cover of perennial grasses has on the temperature and moisture of the soil," Trudy Kazakh. s.-kh. in-ta, Vol 1, Issue 1, 1948,(on cover: 1949),p. 12-30 - Bibliog: 16 items

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

[redacted], V. Ye.

"A Method of Forming Turf in the Semi-Arid Steppe of Southern Kazakhstan," Pochvoved., 11, 1949.

KAZAKOV, V.YE.

Agriculture

Creation of heavy grass cover in the arid steppe zone of southern Kazakhstan. Alma-Ata, Kazgoizdat, 1951.

Monthly List of Russian Accessions, Liberty of Congress, November 1952, Unclassified.

KAZAKOV, V.E.

Nauchnye osnovy osvoeniia tselinnykh i zalezhnykh zemel' v Kazakhstane (Scientific bases i the reclamation of new and idle lands in Kazakhstan). Alma-Ata, Kazgosizdat, 1954. 39 p.

SO: Monthly List of Russian Accessions, Vol 7, No 9, Dec 1954

KAZAKOV, V.Ye.

[Working virgin and idle lands in Kazakhstan] Obrabotka tselinnykh i zalezhnykh zemel'; v raionakh Kazakhstana. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 47 p. (MLRA 9:10)
(Kazakhstan--Agriculture)

KAZAKOV, V.Ye.; AYNIKEYEV, R.S.

Effect of various tillage practices on the freezing and thawing of soils in North Kazakhstan Province. Pochvovedenie no. 2:69-74 F '61. (MIRA 14:2)

1. Kazakhskiy gosudarstvennyy sel'skokhozyaystvennyy institut.
(North Kazakhstan Province--Soil temperature)

KAZAKOV, V.Ye., prof., doktor sel'skokhozyaystvennykh nauk

Farming practices and crop rotations for state farms established on virgin lands of Kazakhstan. Zemledelie 23 no.1:68-72 Ja '61. (MIRA 13:12)

1. Kazakhskiy sel'skokhozyaystvennyy institut.
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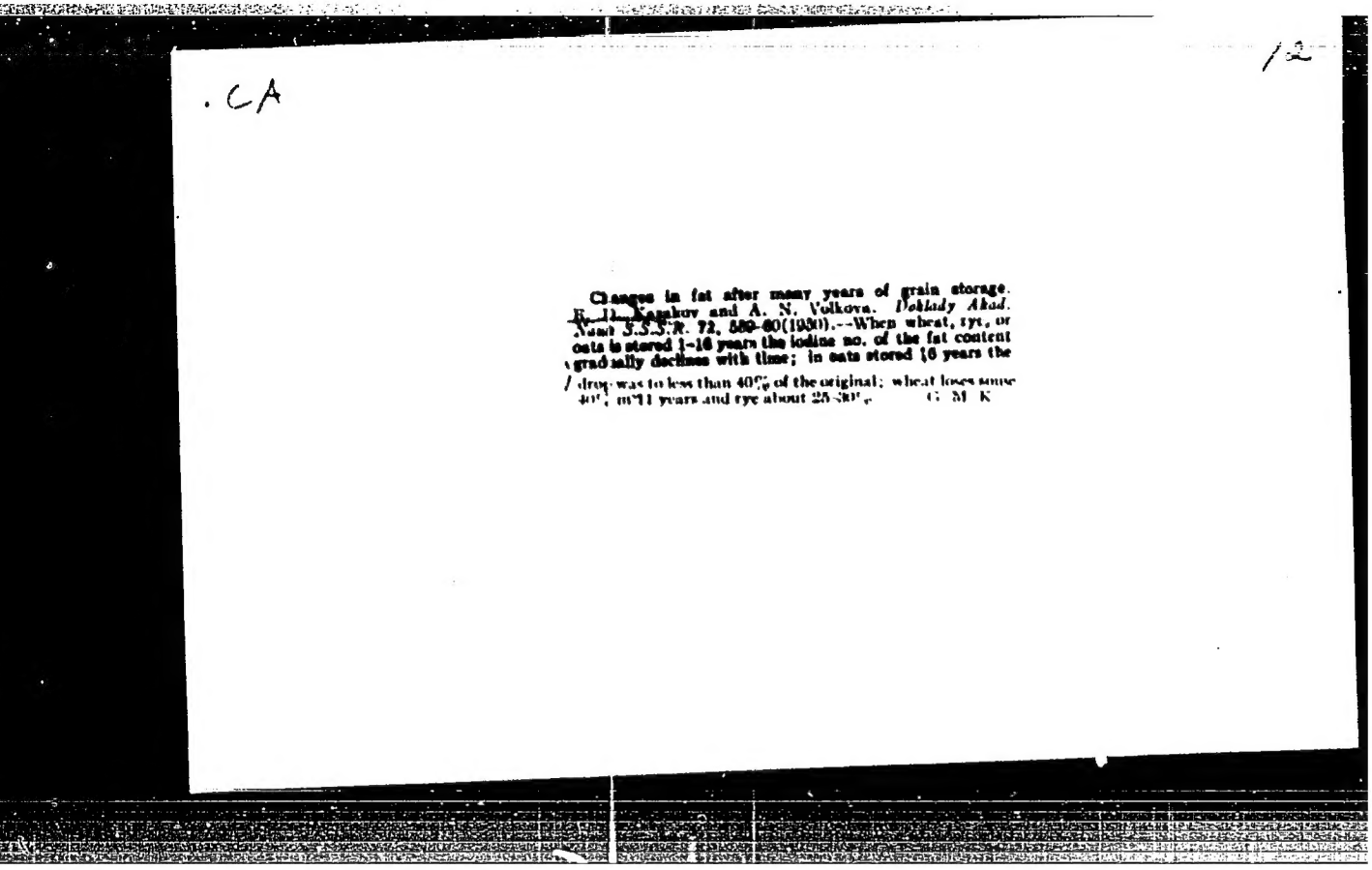
G. M. Kosolapoff



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